

DECLARATION and
POWER OF ATTORNEY

As a below-named inventor, I declare that I believe that I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed in the specification identified below and for which a patent is sought on the invention as titled therein. I hereby state that I have reviewed and understand the contents of said specification including the claims, as amended by any amendment referred to herein. I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

Full Name of Inventor ⁽¹⁾	Last Name LIGHTNER	First Name JONATHAN	Middle Name EDWARD
Residence & Citizenship	City MARIETTA	State or Foreign Country PENNSYLVANIA	Country of Citizenship U.S.A.
Post Office Address	Post Office Address R.D.2 BOX 101A	City AIRVILLE	State or Country PENNSYLVANIA
Full Name of Inventor ⁽²⁾	Last Name OKULEY	First Name JOHN	Middle Name JOSEPH
Residence & Citizenship	City COLUMBUS	State or Foreign Country OHIO	Country of Citizenship U.S.A.
Post Office Address	Post Office Address 217 FALLIS ROAD	City COLUMBUS	State or Country OHIO
Full Name of Inventor ⁽³⁾	Last Name	First Name	Middle Name
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
Post Office Address	Post Office Address	City	State or Country
			Zip Code

Title of the Invention: Genes for Microsomal Delta-12 Fatty Acid Desaturases and Related Enzymes from Plants

Patent specification attached.

Patent specification was filed on _____ as U.S. application Serial No. _____ and was amended on _____ (if applicable).

No earlier-filed foreign applications of which priority benefit is claimed.

Required information as to earlier-filed foreign applications of which priority benefit is claimed appears on page 2 attached.

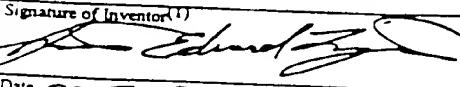
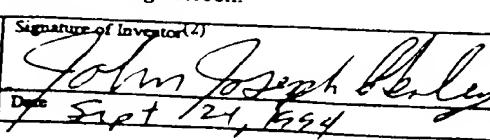
No earlier-filed U.S. applications of which priority benefit is claimed.

Required information as to earlier-filed U.S. applications of which priority benefit is claimed appears on page 2 attached.

POWER OF ATTORNEY: The power to prosecute this application and transact all business in the Patent and Trademark Office connected therewith is hereby granted to the following attorney(s) agent(s):

Name Barbara C. Siegell Hoge T. Sutherland	Registration No. 30,684 20,010	
Send correspondence and direct telephone calls to: Barbara C. Siegell	E. I. du Pont de Nemours & Co. Legal - Patents Wilmington, DE 19898	Tel. No. (302) 992-4931

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor ⁽¹⁾ 	Signature of Inventor ⁽²⁾ 	Signature of Inventor ⁽³⁾
Date 20 JUNE 1994	Date Sept 21, 1994	Date

DECLARATION AND POWER OF ATTORNEY - Page 2Attorney's
Docket No. **BB-1043-B**

- Required information as to earlier-filed foreign applications of which priority benefit is claimed.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Country	Application No.	Filing Date	Priority Claimed (Yes-No)
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- Required information as to earlier-filed U.S. applications of which priority benefit is claimed.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112. I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Application Serial No.	U.S. Filing Date	Status (patented, pending or abandoned)
07/977,339	11/17/92	Abandoned
PCT/US93/09987	10/15/93	Pending
U.S. National Application filed 6/17/94		